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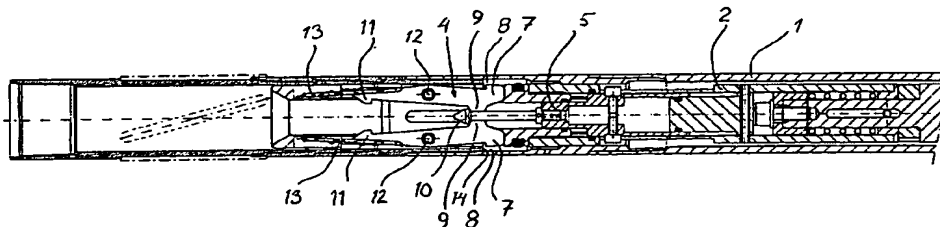
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(54) Title: **A LOCKING DEVICE FOR A WIRE LINE CORE DRILLING SYSTEM, A WIRE LINE SYSTEM INCLUDING SAID DEVICE AND A METHOD FOR CORE DRILLING**

(57) Abstract: The present invention relates to a locking device (4) for a wire line core drilling system comprising an inner tube (2) by means of which core samples are collected, and an outer tube (1) connected to a drill bit, which locking device is applied in the rear end of the inner tube. The locking device (4) comprises locking members (7, 9) so designed that, when the inner tube has been inserted into the outer tube and has assumed the correct position inside the outer tube for drilling, in one and the same movement it simultaneously effects mechanical locking of the inner tube (2) in relation to the outer tube (1) and release of a gripping means (10; 25) of an accompanying device (5; 26) connected to the inner tube.

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